



Friends of the Shenandoah River  
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Friends of the Shenandoah River's 2020 Summer Quantitative *E. coli* Test Results at public recreational use sites on the Main Stem, South Fork and North Fork of the Shenandoah River and the Opequon Creek

These results provide a snapshot of the *E. coli* bacteria concentrations at the designated sites on the date, time, and under the conditions that the water samples were collected.

| SITE ID | SITE DESCRIPTION  | 5/8   | 5/14 | 5/20  | 5/27   |  |  |  |
|---------|---|-------|------|-------|--------|--|--|--|
| FC08    | Main-stem Shenandoah River at Castleman's Ferry public boat ramp, Route 7 bridge                                  | 39.9  | 12.1 | 25.6  |        |  |  |  |
| FC05    | Main-stem Shenandoah River at Lockes Landing public boat landing  | 41.4  | 29.9 | 33.6  |        |  |  |  |
| FC01    | Main-stem Shenandoah River at Berry's public boat ramp, Route 50 bridge   | 29.8  | 13.5 | 16.0  | 30.9   |  |  |  |
| FW35    | Main-stem Shenandoah River at Morgan's Ford low H2O bridge public boat landing below confluence with Manassas Run | 70.3  | 56.3 | 38.9  | 920.8  |  |  |  |
| FW35MID | Main-stem Shenandoah River at Morgan's Ford low H2O bridge mid width of river                                     |       | 7.5  | 9.8   | 35.9   |  |  |  |
| FW36    | Manassas Run upstream of confluence with main-stem Shenandoah River, just upstream of public boat landing         | 111.9 | 53.7 | 290.0 | 1732.9 |  |  |  |
| FW14    | SF Shenandoah River at Front Royal public boat landing off Luray Ave.   | 49.5  | 14.8 | 12.1  | 45.0   |  |  |  |
| FWAGSP  | SF Shenandoah River @ Raymond R. "Andy" Guest Jr., Shenandoah River State Park                                    | 19.9  | 7.5  | 25.9  | 25.9   |  |  |  |
| FWIH    | SF Shenandoah River at Indian Hollow public boat launch off Indian Hollow Road                                    | 22.8  | 9.7  | 29.5  | 33.1   |  |  |  |
| FP03    | SF Shenandoah River at White House public boat landing  |       |      |       |        |  |  |  |
| FP02    | SF Shenandoah River at Newport public boat ramp downstream of Riverside Campground/ Kite's Store                  | 65.0  | 18.7 | 142.1 | 68.9   |  |  |  |
| FSMB    | NF Shenandoah River at Meems Bottom   | 81.3  | 50.4 | 33.1  | 88.2   |  |  |  |
| FSDR    | NF Shenandoah River at Deer Rapids public boat landing  | 52.1  | 26.6 | 25.6  | 32.7   |  |  |  |
| FSSP    | NF Shenandoah River at Strasburg Park public boat landing   | 48.0  | 48.0 | 35.5  | 30.5   |  |  |  |
| FCOC    | Opequon Creek @ Neill Road ford   | 56.5  | 83.6 | 71.2  |        |  |  |  |

Up until the middle of last year, Virginia's water quality standard for freshwater beach advisories or closures was a single sample maximum of 235 *E. coli* CFU/100 ml of sample. Virginia no longer has a single sample maximum or any criteria for primary recreational contact in freshwaters.

Red indicates that the *E. coli* concentration exceeded 235 *E. coli* CFU/100 ml,